ABSTRACT

A system operates on a computing resource that is accessible to a plurality of clients via a communication network. A storage service of the system operates on the computing resource and is configured to store unrendered image data corresponding to scenes. The unrendered image data may be, for example, raw image data or scene colorimetric data. A rendering service of the system also operates on the computing resource and is configured to process the unrendered image data to generate rendered images. In particular, the rendering service processes the unrendered image data responsive to requests from the clients communicated over the communication network, and the rendering processing is based on rendering parameters determined in accordance with the client requests. In addition, a printing service may be provided to transform the rendered images into a tangible form, in accordance with printing requests from the clients.